Programme for Organising Students' Choices

(Curriculum Development Institute)

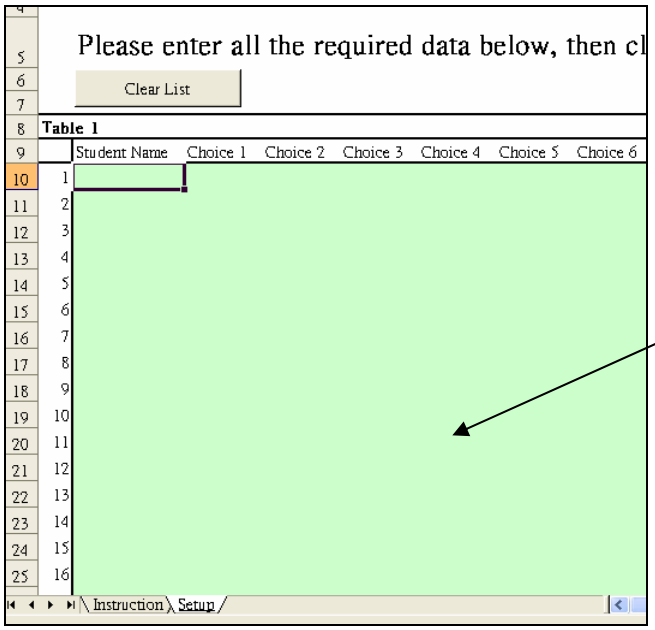
User Manual

(updated as at 11-04-2008)

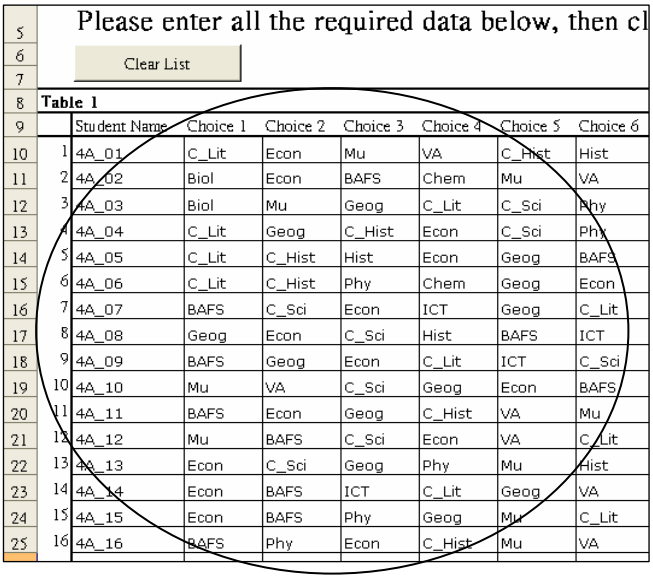
Step 1

Enter students' names and choices of elective subjects

You can enter students' names and choices either from the keyboard or copy from a file that already contains their names and choices. The maximum number of student is 244. The programme will assign subjects to students according to the priority set/ listed in the table.



Step 1: Copy and paste all students' names and choices from the data file ***student_data_080411.xls*** to Table 1.

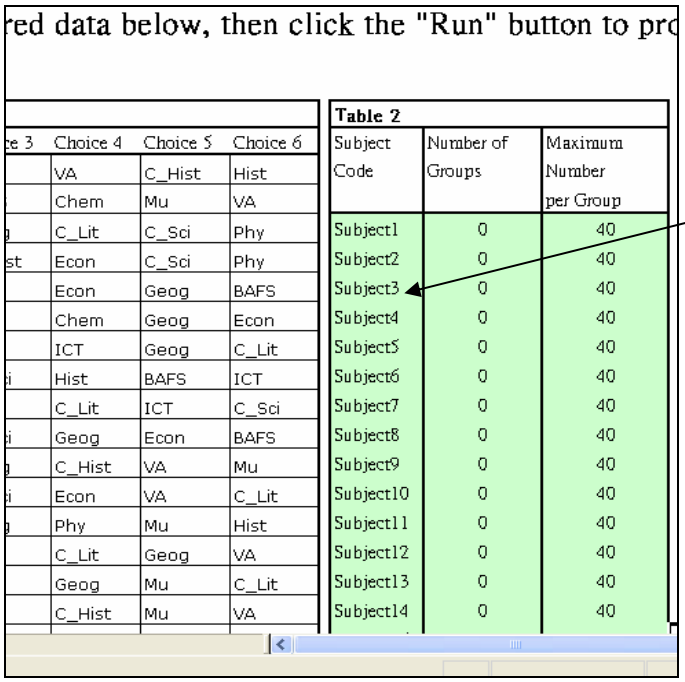


	Student Name	Choice 1	Choice 2	Choice 3	Choice 4	Choice 5	Choice 6
1	4A_01	C_Lit	Econ	Mu	VA	C_Hist	Hist
2	4A_02	Biol	Econ	BAFS	Chem	Mu	VA
3	4A_03	Biol	Mu	Geog	C_Lit	C_Sci	Phy
4	4A_04	C_Lit	Geog	C_Hist	Econ	C_Sci	Phy
5	4A_05	C_Lit	C_Hist	Hist	Econ	Geog	BAFS
6	4A_06	C_Lit	C_Hist	Phy	Chem	Geog	Econ
7	4A_07	BAFS	C_Sci	Econ	ICT	Geog	C_Lit
8	4A_08	Geog	Econ	C_Sci	Hist	BAFS	ICT
9	4A_09	BAFS	Geog	Econ	C_Lit	ICT	C_Sci
10	4A_10	Mu	VA	C_Sci	Geog	Econ	BAFS
11	4A_11	BAFS	Econ	Geog	C_Hist	VA	Mu
12	4A_12	Mu	BAFS	C_Sci	Econ	VA	C_Lit
13	4A_13	Econ	C_Sci	Geog	Phy	Mu	Hist
14	4A_14	Econ	BAFS	ICT	C_Lit	Geog	VA
15	4A_15	Econ	BAFS	Phy	Geog	Mu	C_Lit
16	4A_16	BAFS	Phy	Econ	C_Hist	Mu	VA

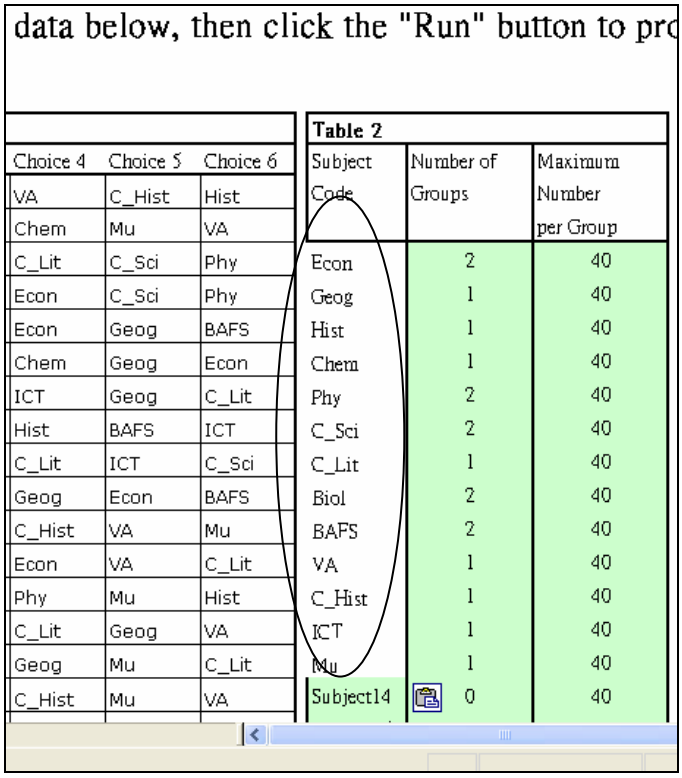
Step 2

Enter subject codes for the elective subjects

You can enter Subject Code either from the keyboard or copy from a file that already contains the subject codes. The subject codes used in Table 2 must be the same as that in Table 1.



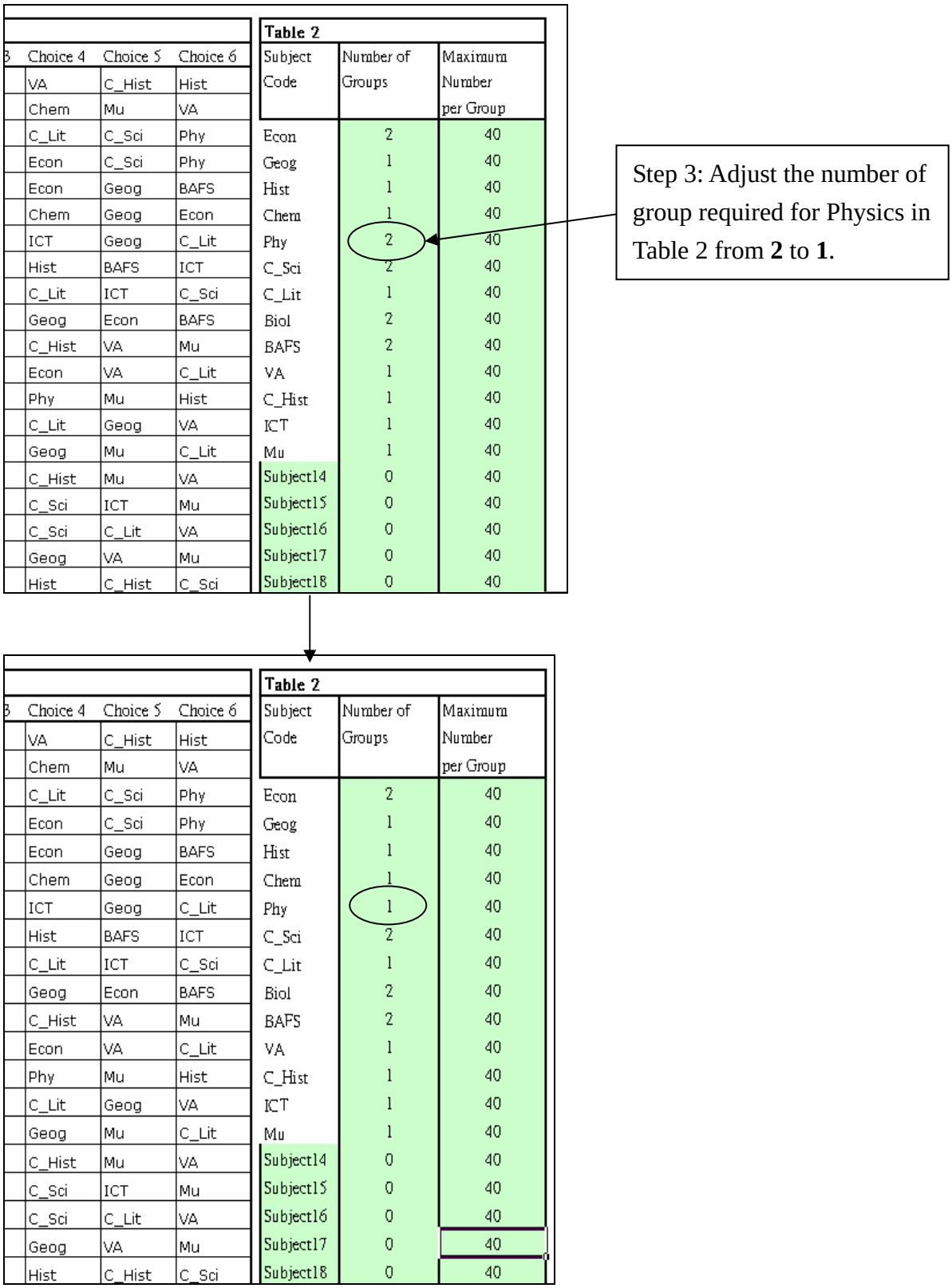
Step 2: Copy and paste all the subject codes from the data file ***student_data_080411.xls*** to Table 2.



Step 3

Decide number of groups required for each elective subject

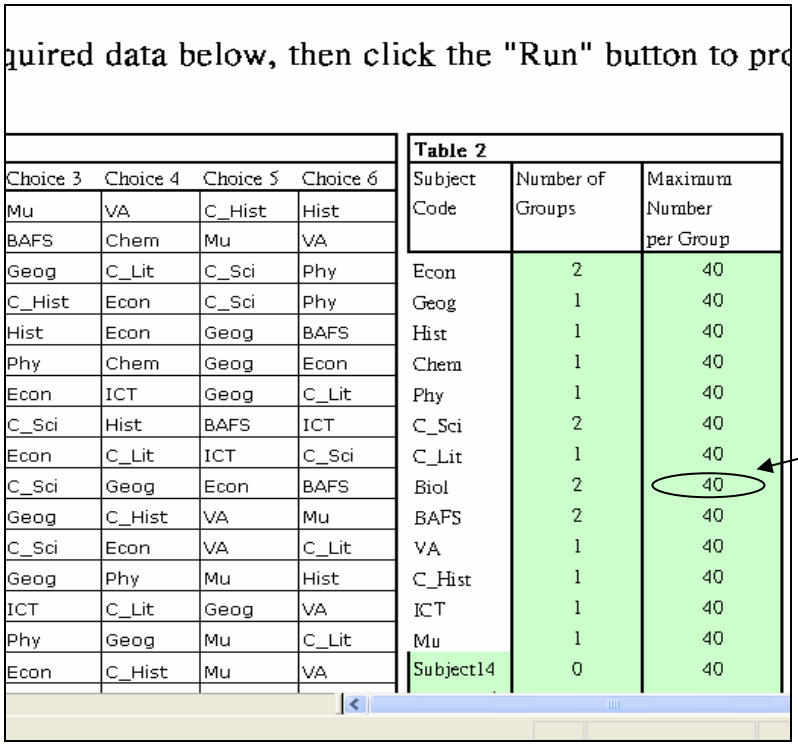
By default, number of groups required will be assigned. You may adjust the number of groups for each elective subject in Table 2 according to school's resources. The maximum number of each group is 3.



Step 4

Decide maximum number of students per group

By default, maximum number of students per group will be 40. You may adjust the maximum number for each group in Table 2 according to school's resources.



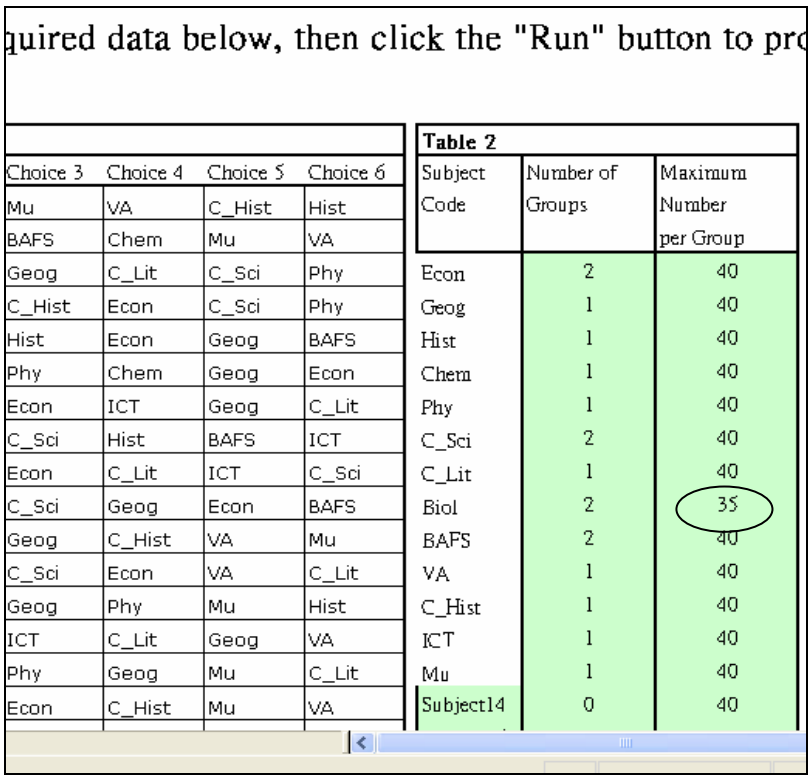
quired data below, then click the "Run" button to pro

Choice 3	Choice 4	Choice 5	Choice 6
Mu	VA	C_Hist	Hist
BAFS	Chem	Mu	VA
Geog	C_Lit	C_Sci	Phy
C_Hist	Econ	C_Sci	Phy
Hist	Econ	Geog	BAFS
Phy	Chem	Geog	Econ
Econ	ICT	Geog	C_Lit
C_Sci	Hist	BAFS	ICT
Econ	C_Lit	ICT	C_Sci
C_Sci	Geog	Econ	BAFS
Geog	C_Hist	VA	Mu
C_Sci	Econ	VA	C_Lit
Geog	Phy	Mu	Hist
ICT	C_Lit	Geog	VA
Phy	Geog	Mu	C_Lit
Econ	C_Hist	Mu	VA

Table 2

Subject Code	Number of Groups	Maximum Number per Group
Econ	2	40
Geog	1	40
Hist	1	40
Chem	1	40
Phy	1	40
C_Sci	2	40
C_Lit	1	40
Biol	2	40
BAFS	2	40
VA	1	40
C_Hist	1	40
ICT	1	40
Mu	1	40
Subject14	0	40

Step 4: Adjust the maximum number per group for Biology in Table 2 from **40** to **35**.



quired data below, then click the "Run" button to pro

Choice 3	Choice 4	Choice 5	Choice 6
Mu	VA	C_Hist	Hist
BAFS	Chem	Mu	VA
Geog	C_Lit	C_Sci	Phy
C_Hist	Econ	C_Sci	Phy
Hist	Econ	Geog	BAFS
Phy	Chem	Geog	Econ
Econ	ICT	Geog	C_Lit
C_Sci	Hist	BAFS	ICT
Econ	C_Lit	ICT	C_Sci
C_Sci	Geog	Econ	BAFS
Geog	C_Hist	VA	Mu
C_Sci	Econ	VA	C_Lit
Geog	Phy	Mu	Hist
ICT	C_Lit	Geog	VA
Phy	Geog	Mu	C_Lit
Econ	C_Hist	Mu	VA

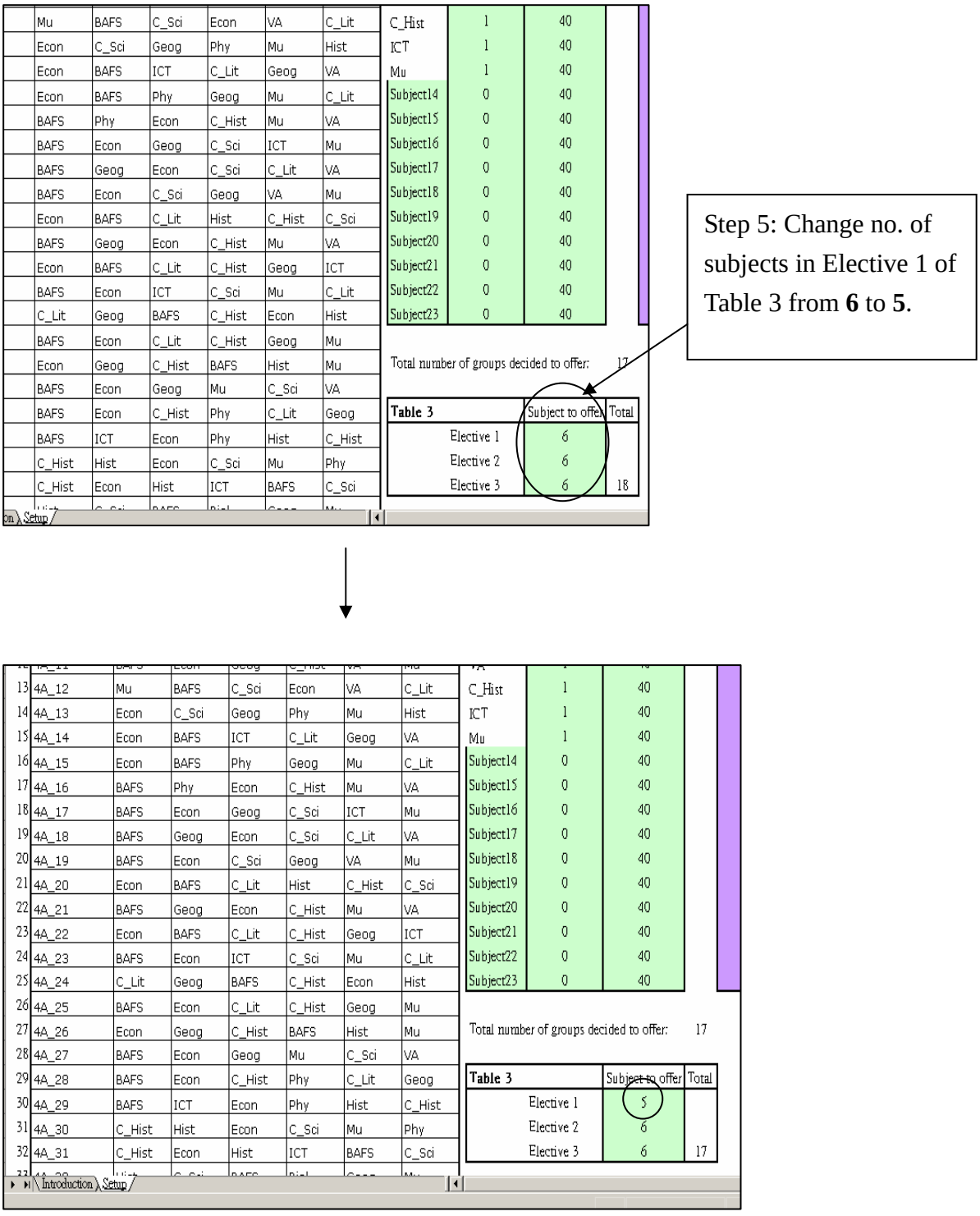
Table 2

Subject Code	Number of Groups	Maximum Number per Group
Econ	2	40
Geog	1	40
Hist	1	40
Chem	1	40
Phy	1	40
C_Sci	2	40
C_Lit	1	40
Biol	2	35
BAFS	2	40
VA	1	40
C_Hist	1	40
ICT	1	40
Mu	1	40
Subject14	0	40

Step 5

Decide the number of groups per elective

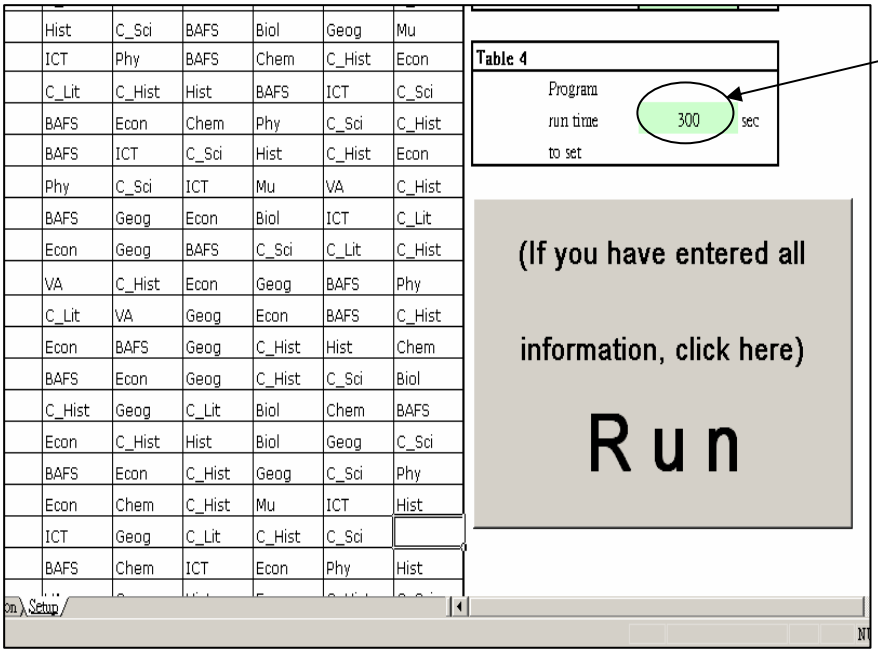
By default, the number of subjects per elective in Table 3 is 6 (with a maximum of 8 groups). The total number of subjects of the three electives in Table 3 should be equal to the total number of groups decided to offer in Table 2.


Step 5: Change no. of subjects in Elective 1 of Table 3 from **6** to **5**.
Total number of groups decided to offer: 17
Table 3
Subject to offer
Total
Elective 1 6
Elective 2 6
Elective 3 6 18
Total number of groups decided to offer: 17
Table 3
Subject to offer
Total
Elective 1 5
Elective 2 6
Elective 3 6 17

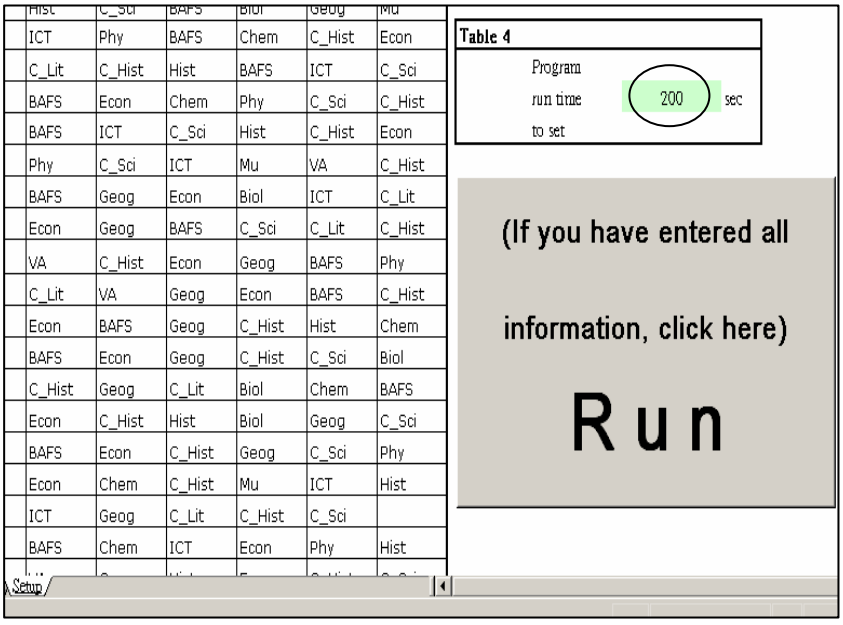
Step 6

Decide the programme run time

By default, the programme run time is 300 second in Table 4. The programme will stop before or when the programme is run for 300 second.



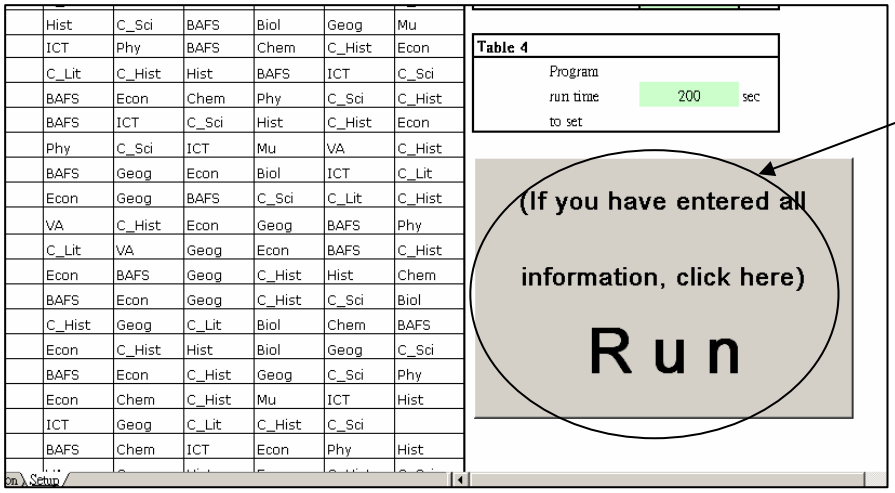
Step 6: Change the programme run time in Table 4 from 300 to 200 second.



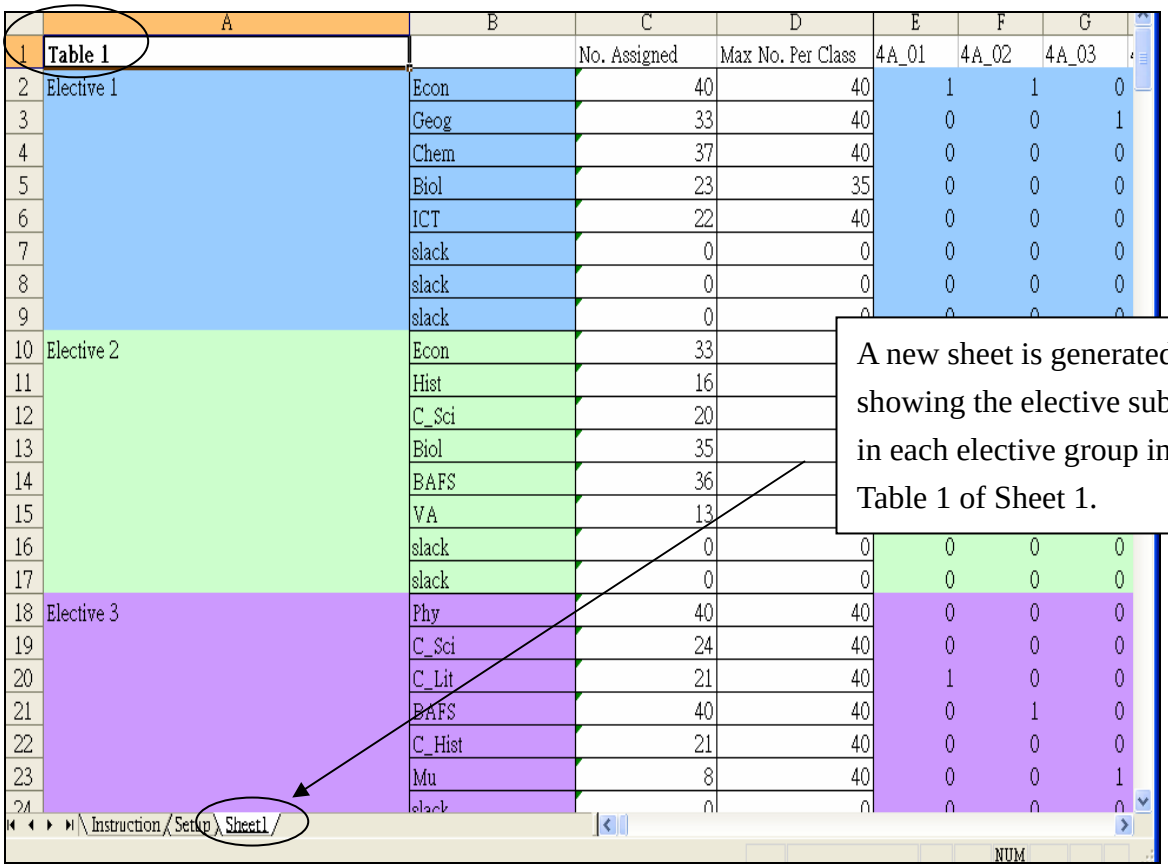
Step 7

Start running the programme

After enter all the information, then click the “Run” button. The programme will start running.

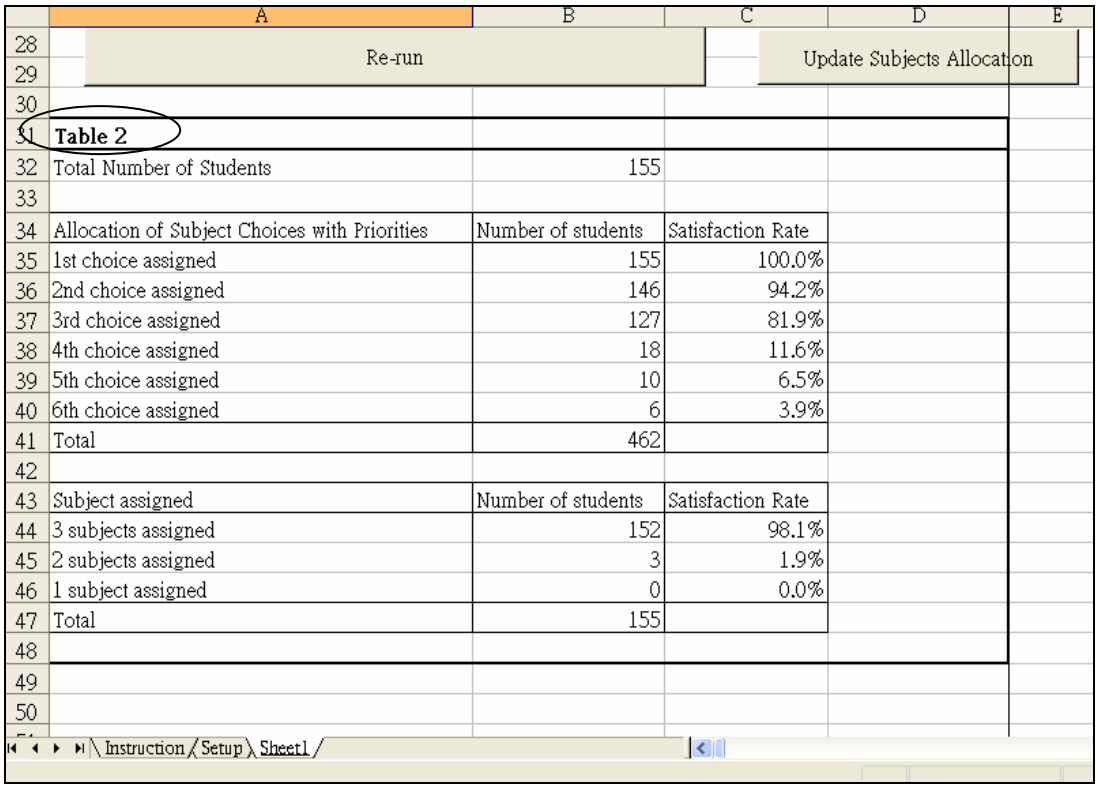


a) View the elective subjects in each elective group in Table 1



Step 7 cont'

b) When you scroll down the screen of Sheet 1, you will see the satisfaction rate for the allocation in Table 2.



Re-run | Update Subjects Allocation

Table 2

Total Number of Students	155	
Allocation of Subject Choices with Priorities	Number of students	Satisfaction Rate
1st choice assigned	155	100.0%
2nd choice assigned	146	94.2%
3rd choice assigned	127	81.9%
4th choice assigned	18	11.6%
5th choice assigned	10	6.5%
6th choice assigned	6	3.9%
Total	462	
Subject assigned	Number of students	Satisfaction Rate
3 subjects assigned	152	98.1%
2 subjects assigned	3	1.9%
1 subject assigned	0	0.0%
Total	155	

Instruction | Setup | Sheet1

c) When you scroll to the right of the screen on Sheet 1, you will see subjects allocated to each student in Table 3.

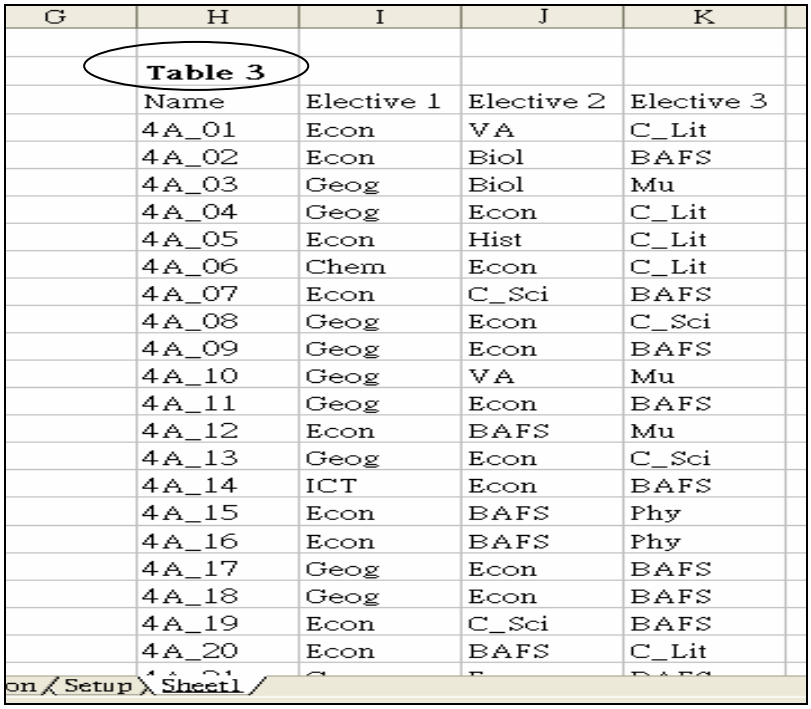


Table 3

Name	Elective 1	Elective 2	Elective 3
4A_01	Econ	VA	C_Lit
4A_02	Econ	Biol	BAFS
4A_03	Geog	Biol	Mu
4A_04	Geog	Econ	C_Lit
4A_05	Econ	Hist	C_Lit
4A_06	Chem	Econ	C_Lit
4A_07	Econ	C_Sci	BAFS
4A_08	Geog	Econ	C_Sci
4A_09	Geog	Econ	BAFS
4A_10	Geog	VA	Mu
4A_11	Geog	Econ	BAFS
4A_12	Econ	BAFS	Mu
4A_13	Geog	Econ	C_Sci
4A_14	ICT	Econ	BAFS
4A_15	Econ	BAFS	Phy
4A_16	Econ	BAFS	Phy
4A_17	Geog	Econ	BAFS
4A_18	Geog	Econ	BAFS
4A_19	Econ	C_Sci	BAFS
4A_20	Econ	BAFS	C_Lit

on / Setup / Sheet1

Step 7 cont'

d) When you continue scroll to the right of the screen on Sheet 1, you will see the choices of elective subjects allocated to the students in Table 4.

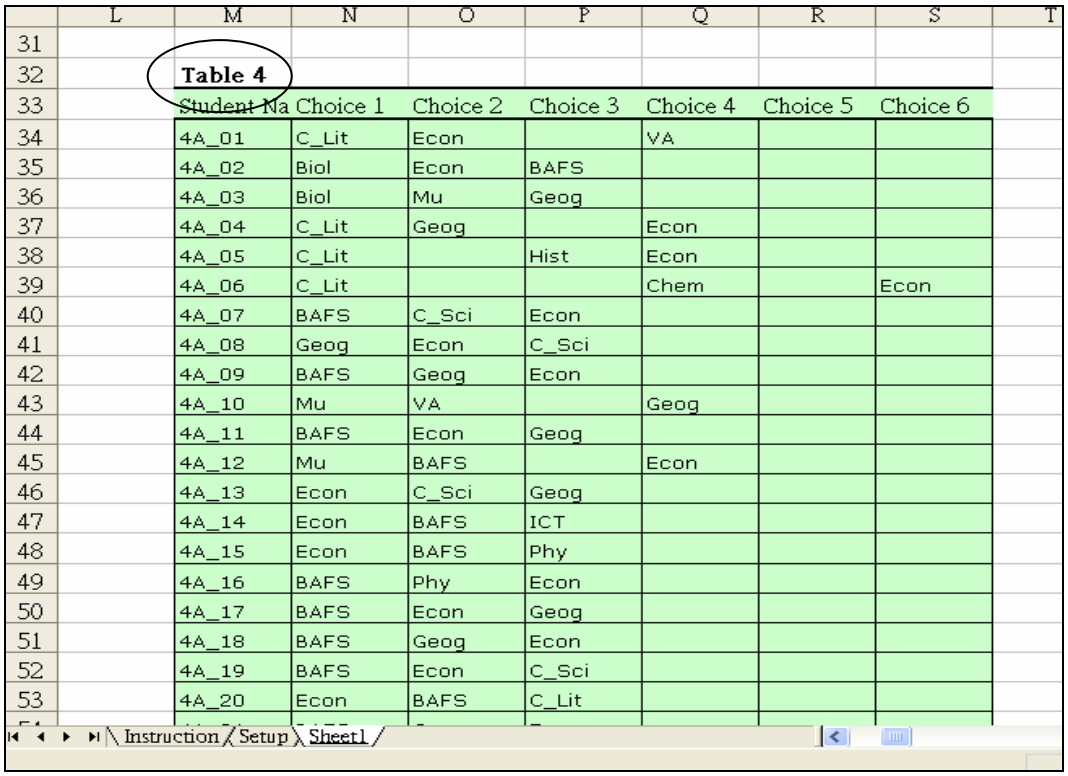


Table 4

Student Na	Choice 1	Choice 2	Choice 3	Choice 4	Choice 5	Choice 6
4A_01	C_Lit	Econ		VA		
4A_02	Biol	Econ	BAFS			
4A_03	Biol	Mu	Geog			
4A_04	C_Lit	Geog		Econ		
4A_05	C_Lit		Hist	Econ		
4A_06	C_Lit			Chem		Econ
4A_07	BAFS	C_Sci	Econ			
4A_08	Geog	Econ	C_Sci			
4A_09	BAFS	Geog	Econ			
4A_10	Mu	VA		Geog		
4A_11	BAFS	Econ	Geog			
4A_12	Mu	BAFS		Econ		
4A_13	Econ	C_Sci	Geog			
4A_14	Econ	BAFS	ICT			
4A_15	Econ	BAFS	Phy			
4A_16	BAFS	Phy	Econ			
4A_17	BAFS	Econ	Geog			
4A_18	BAFS	Geog	Econ			
4A_19	BAFS	Econ	C_Sci			
4A_20	Econ	BAFS	C_Lit			

e) When you scroll further to the right of the screen on Sheet 1, you will see the name of students assigned to each subject in Table 5.

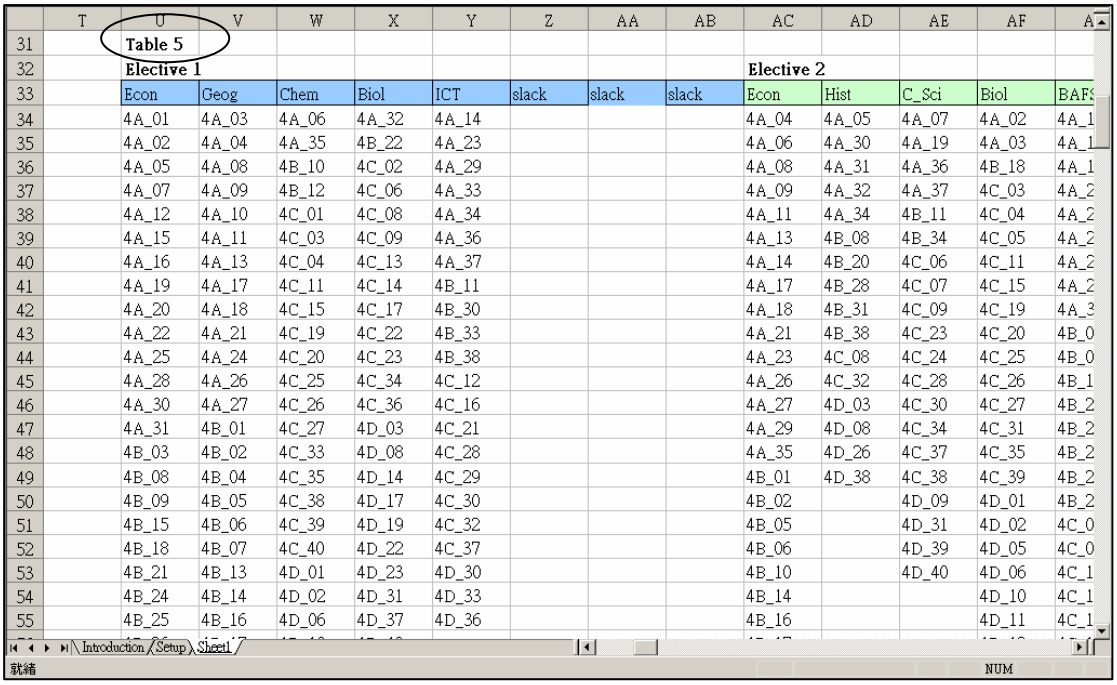


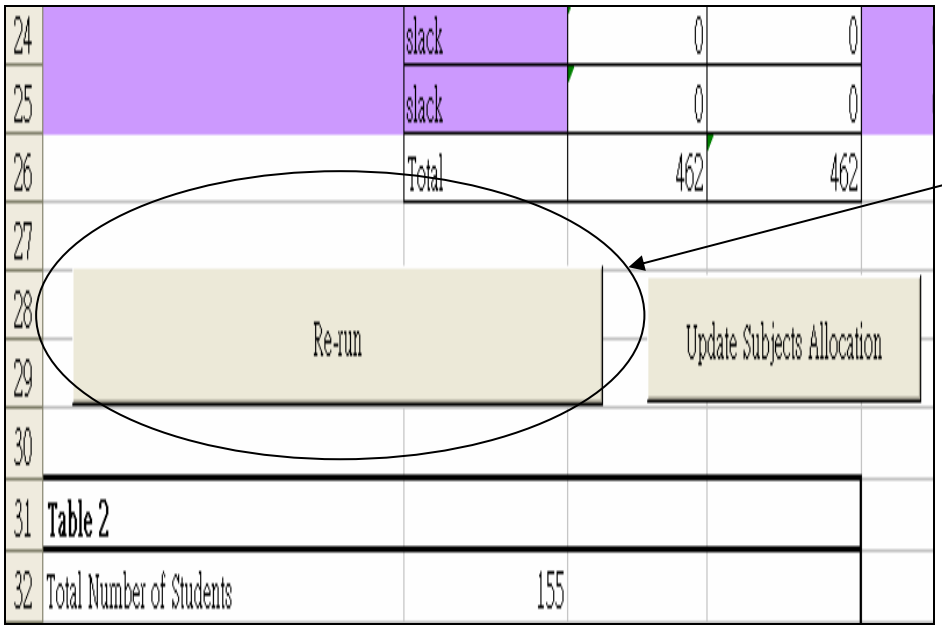
Table 5

Elective 1								Elective 2				
Econ	Geog	Chem	Biol	ICT	slack	slack	slack	Econ	Hist	C_Sci	Biol	BAFS
4A_01	4A_03	4A_06	4A_32	4A_14				4A_04	4A_05	4A_07	4A_02	4A_1
4A_02	4A_04	4A_35	4B_22	4A_23				4A_06	4A_30	4A_19	4A_03	4A_1
4A_05	4A_08	4B_10	4C_02	4A_29				4A_08	4A_31	4A_36	4B_18	4A_1
4A_07	4A_09	4B_12	4C_06	4A_33				4A_09	4A_32	4A_37	4C_03	4A_2
4A_12	4A_10	4C_01	4C_08	4A_34				4A_11	4A_34	4B_11	4C_04	4A_2
4A_15	4A_11	4C_03	4C_09	4A_36				4A_13	4B_08	4B_34	4C_05	4A_2
4A_16	4A_13	4C_04	4C_13	4A_37				4A_14	4B_20	4C_06	4C_11	4A_2
4A_19	4A_17	4C_11	4C_14	4B_11				4A_17	4B_28	4C_07	4C_15	4A_2
4A_20	4A_18	4C_15	4C_17	4B_30				4A_18	4B_31	4C_09	4C_19	4A_3
4A_22	4A_21	4C_19	4C_22	4B_33				4A_21	4B_38	4C_23	4C_20	4B_0
4A_25	4A_24	4C_20	4C_23	4B_38				4A_23	4C_08	4C_24	4C_25	4B_0
4A_28	4A_26	4C_25	4C_34	4C_12				4A_26	4C_32	4C_28	4C_26	4B_1
4A_30	4A_27	4C_26	4C_36	4C_16				4A_27	4D_03	4C_30	4C_27	4B_2
4A_31	4B_01	4C_27	4D_03	4C_21				4A_29	4D_08	4C_34	4C_31	4B_2
4B_03	4B_02	4C_33	4D_08	4C_28				4A_35	4D_26	4C_37	4C_35	4B_2
4B_08	4B_04	4C_35	4D_14	4C_29				4B_01	4D_38	4C_38	4C_39	4B_2
4B_09	4B_05	4C_38	4D_17	4C_30				4B_02		4D_09	4D_01	4B_2
4B_15	4B_06	4C_39	4D_19	4C_32				4B_05		4D_31	4D_02	4C_0
4B_18	4B_07	4C_40	4D_22	4C_37				4B_06		4D_39	4D_05	4C_0
4B_21	4B_13	4D_01	4D_23	4D_30				4B_10		4D_40	4D_06	4C_1
4B_24	4B_14	4D_02	4D_31	4D_33				4B_14			4D_10	4C_1
4B_25	4B_16	4D_06	4D_37	4D_36				4B_16			4D_11	4C_1

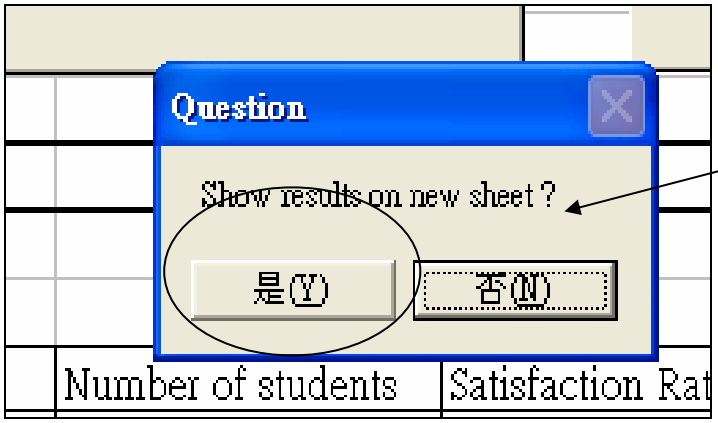
Step 8

Re-run the programme (if necessary)

If you are not satisfying with the results generated, you can re-run the programme by pressing the "Re-run" button. Then, the programme will be re-run again.



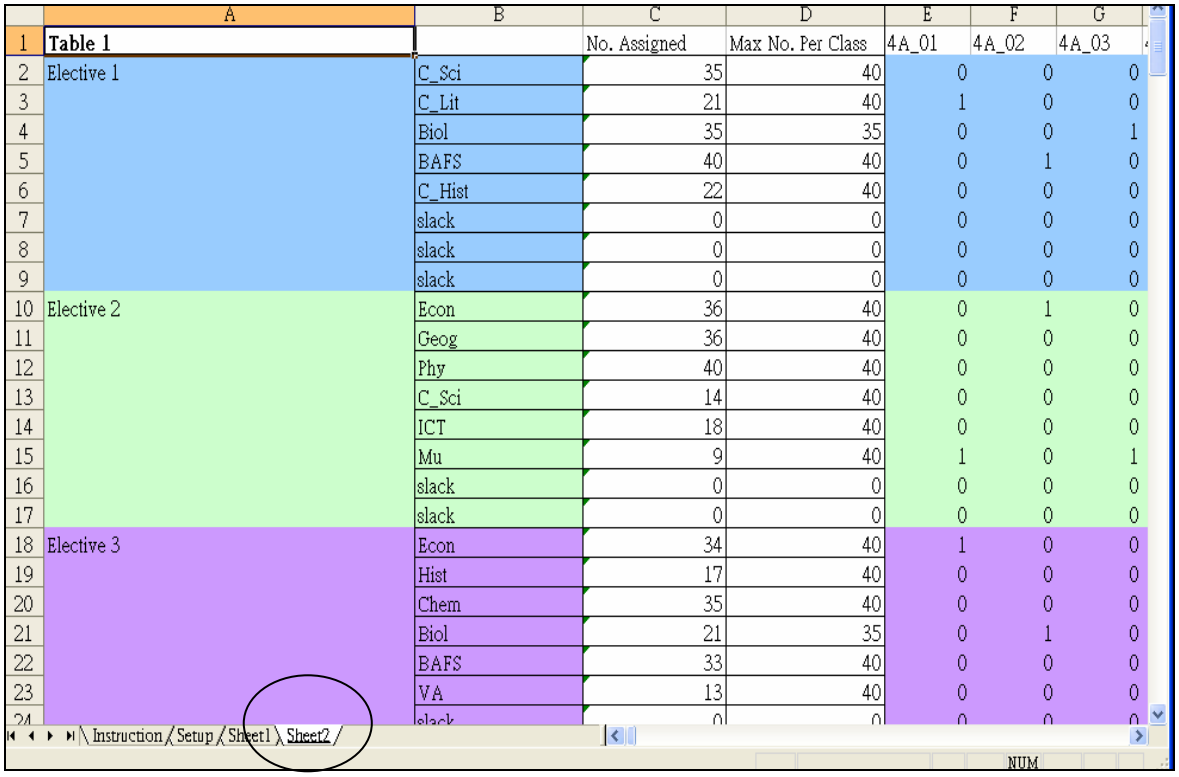
Step 8: Press the "Re-run" button in sheet 1.



Step 8: A question "Show results on new sheet?" will pop up. Please press the "是 **(Y)**" button.

Step 8 cont'

A new set of results will be generated on Sheet 2.



	A	B	C	D	E	F	G
1	Table 1		No. Assigned	Max No. Per Class	4A_01	4A_02	4A_03
2	Elective 1	C_Sci	35	40	0	0	0
3		C_Lit	21	40	1	0	0
4		Biol	35	35	0	0	1
5		BAFS	40	40	0	1	0
6		C_Hist	22	40	0	0	0
7		slack	0	0	0	0	0
8		slack	0	0	0	0	0
9		slack	0	0	0	0	0
10	Elective 2	Econ	36	40	0	1	0
11		Geog	36	40	0	0	0
12		Phy	40	40	0	0	0
13		C_Sci	14	40	0	0	0
14		ICT	18	40	0	0	0
15		Mu	9	40	1	0	1
16		slack	0	0	0	0	0
17		slack	0	0	0	0	0
18	Elective 3	Econ	34	40	1	0	0
19		Hist	17	40	0	0	0
20		Chem	35	40	0	0	0
21		Biol	21	35	0	1	0
22		BAFS	33	40	0	0	0
23		VA	13	40	0	0	0
24		slack	0	0	0	0	0

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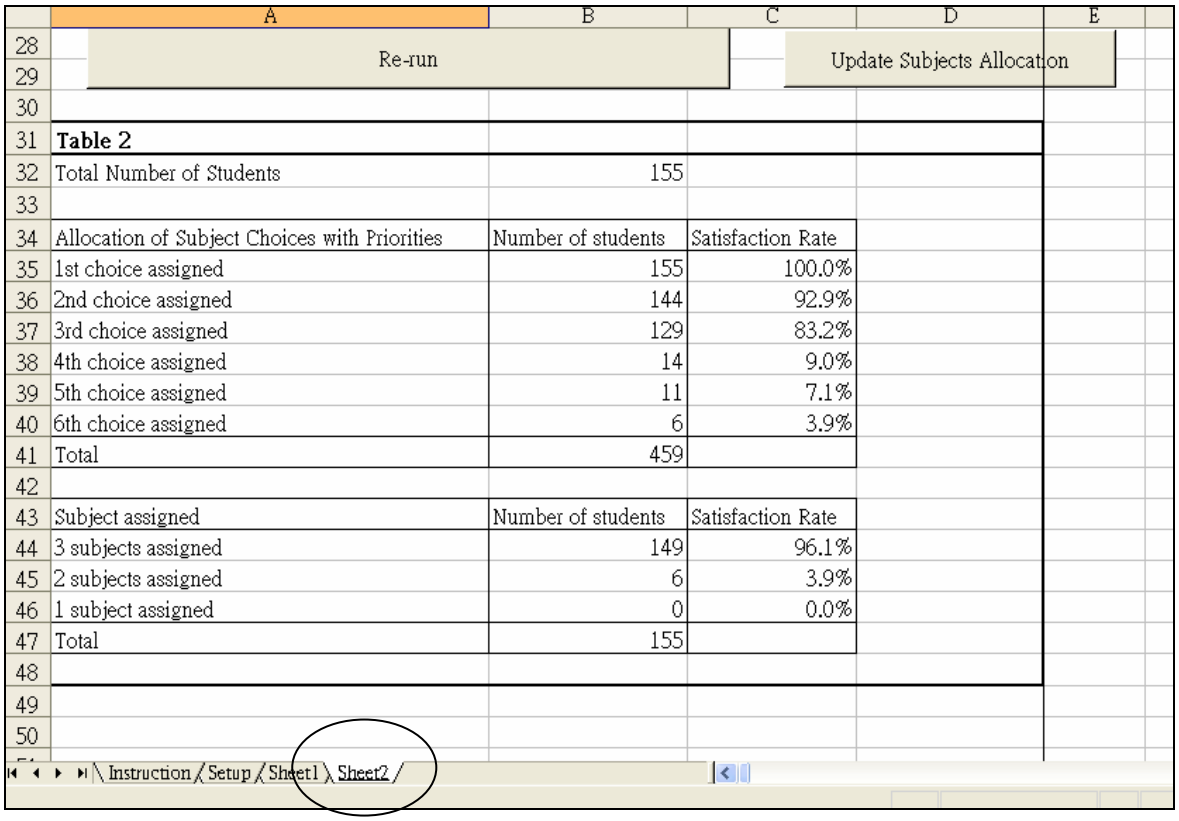
NUM



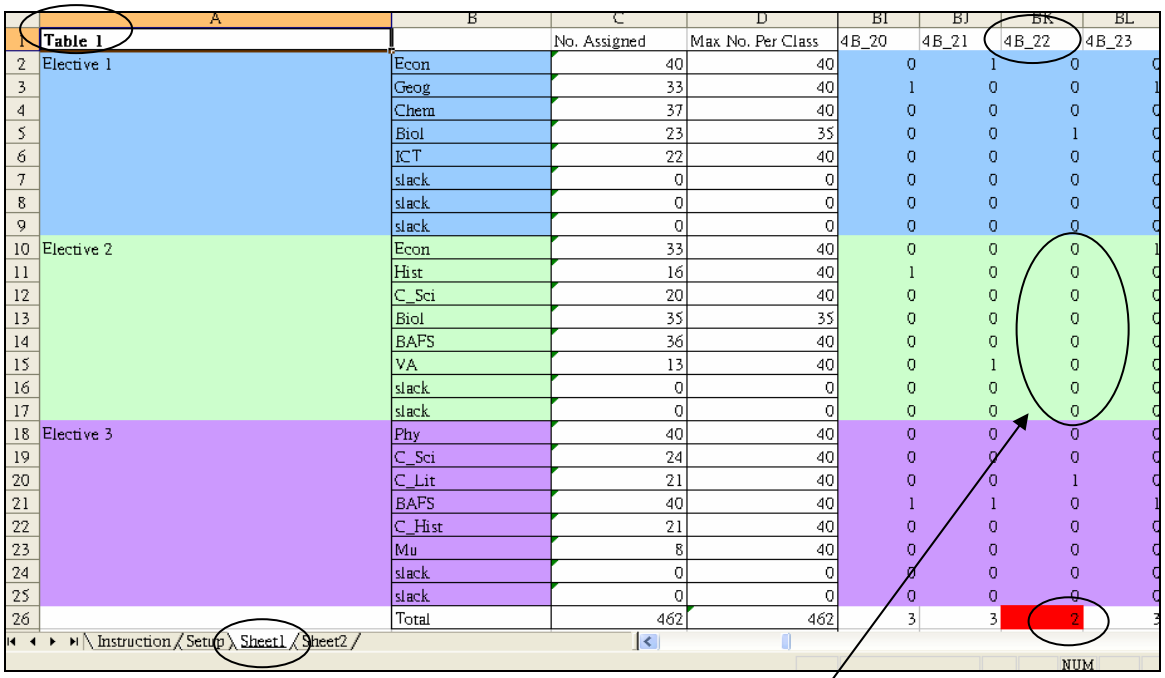
	A	B	C	D	E
28	Re-run			Update Subjects Allocation	
29					
30					
31	**Table 2**				
32	Total Number of Students	155			
33					
34	Allocation of Subject Choices with Priorities	Number of students	Satisfaction Rate		
35	1st choice assigned	155	100.0%		
36	2nd choice assigned	144	92.9%		
37	3rd choice assigned	129	83.2%		
38	4th choice assigned	14	9.0%		
39	5th choice assigned	11	7.1%		
40	6th choice assigned	6	3.9%		
41	Total	459			
42					
43	Subject assigned	Number of students	Satisfaction Rate		
44	3 subjects assigned	149	96.1%		
45	2 subjects assigned	6	3.9%		
46	1 subject assigned	0	0.0%		
47	Total	155			
48					
49					
50					

Instruction / Setup / Sheet1 / Sheet2 /

Step 9

Manual assign subjects to students

If you are satisfied with the results generated in Sheet1, you may fine tune the results in Table 1.



	A	B	C	D	BI	BJ	BK	BL
1	**Table 1**		No. Assigned	Max No. Per Class	4B_20	4B_21	4B_22	4B_23
2	Elective 1	Econ	40	40	0	1	0	0
3		Geog	33	40	1	0	0	1
4		Chem	37	40	0	0	0	0
5		Biol	23	35	0	0	1	0
6		ICT	22	40	0	0	0	0
7		slack	0	0	0	0	0	0
8		slack	0	0	0	0	0	0
9		slack	0	0	0	0	0	0
10	Elective 2	Econ	33	40	0	0	0	1
11		Hist	16	40	1	0	0	0
12		C_Sci	20	40	0	0	0	0
13		Biol	35	35	0	0	0	0
14		BAFS	36	40	0	0	0	0
15		VA	13	40	0	1	0	0
16		slack	0	0	0	0	0	0
17		slack	0	0	0	0	0	0
18	Elective 3	Phy	40	40	0	0	0	0
19		C_Sci	24	40	0	0	0	0
20		C_Lit	21	40	0	0	1	0
21		BAFS	40	40	1	1	0	1
22		C_Hist	21	40	0	0	0	0
23		Mu	8	40	0	0	0	0
24		slack	0	0	0	0	0	0
25		slack	0	0	0	0	0	0
26		Total	462	462	3	3	2	3

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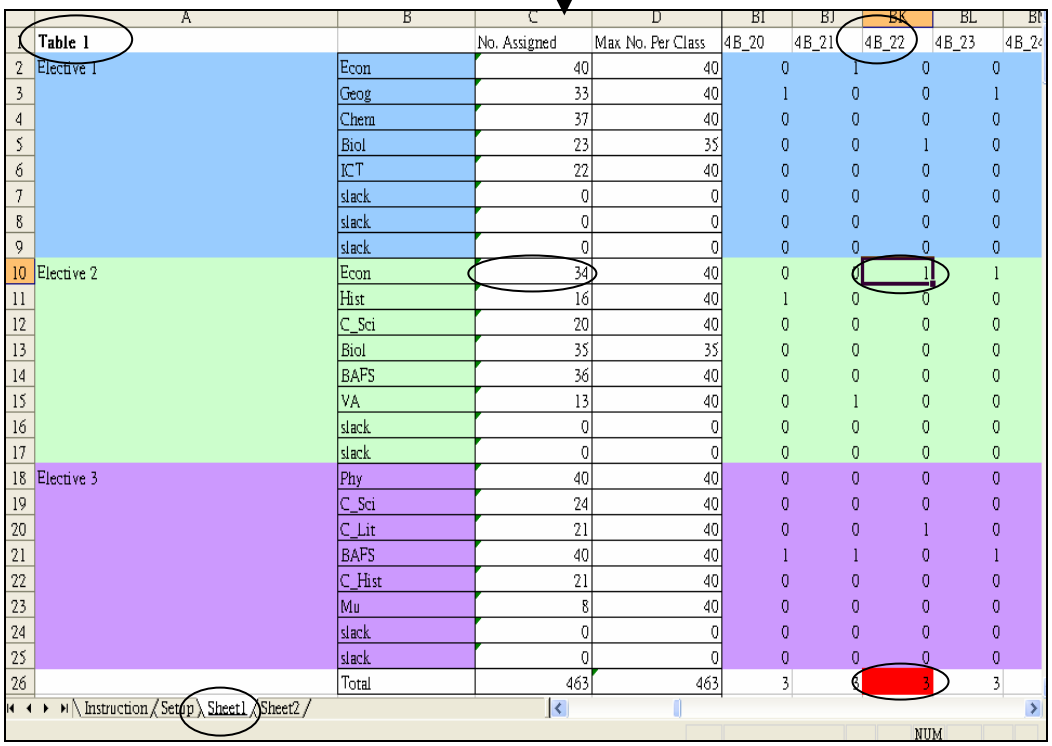
NUM

Step 9: On Sheet 1 Table 1, only 2 elective subjects were allocated to student 4B_22 (No subject has been allocated in Elective 2). Please add “1” to the box for choosing ‘Econ’ in Elective 2 for student 4B_22.



	A	B	C	D	BI	BJ	BK	BL	BM
1	**Table 1**		No. Assigned	Max No. Per Class	4B_20	4B_21	4B_22	4B_23	4B_24
2	Elective 1	Econ	40	40	0	1	0	0	
3		Geog	33	40	1	0	0	1	
4		Chem	37	40	0	0	0	0	
5		Biol	23	35	0	0	1	0	
6		ICT	22	40	0	0	0	0	
7		slack	0	0	0	0	0	0	
8		slack	0	0	0	0	0	0	
9		slack	0	0	0	0	0	0	
10	Elective 2	Econ	34	40	0	0	1	1	
11		Hist	16	40	1	0	0	0	
12		C_Sci	20	40	0	0	0	0	
13		Biol	35	35	0	0	0	0	
14		BAFS	36	40	0	0	0	0	
15		VA	13	40	0	1	0	0	
16		slack	0	0	0	0	0	0	
17		slack	0	0	0	0	0	0	
18	Elective 3	Phy	40	40	0	0	0	0	
19		C_Sci	24	40	0	0	0	0	
20		C_Lit	21	40	0	0	1	0	
21		BAFS	40	40	1	1	0	1	
22		C_Hist	21	40	0	0	0	0	
23		Mu	8	40	0	0	0	0	
24		slack	0	0	0	0	0	0	
25		slack	0	0	0	0	0	0	
26		Total	463	463	3	3	3	3	

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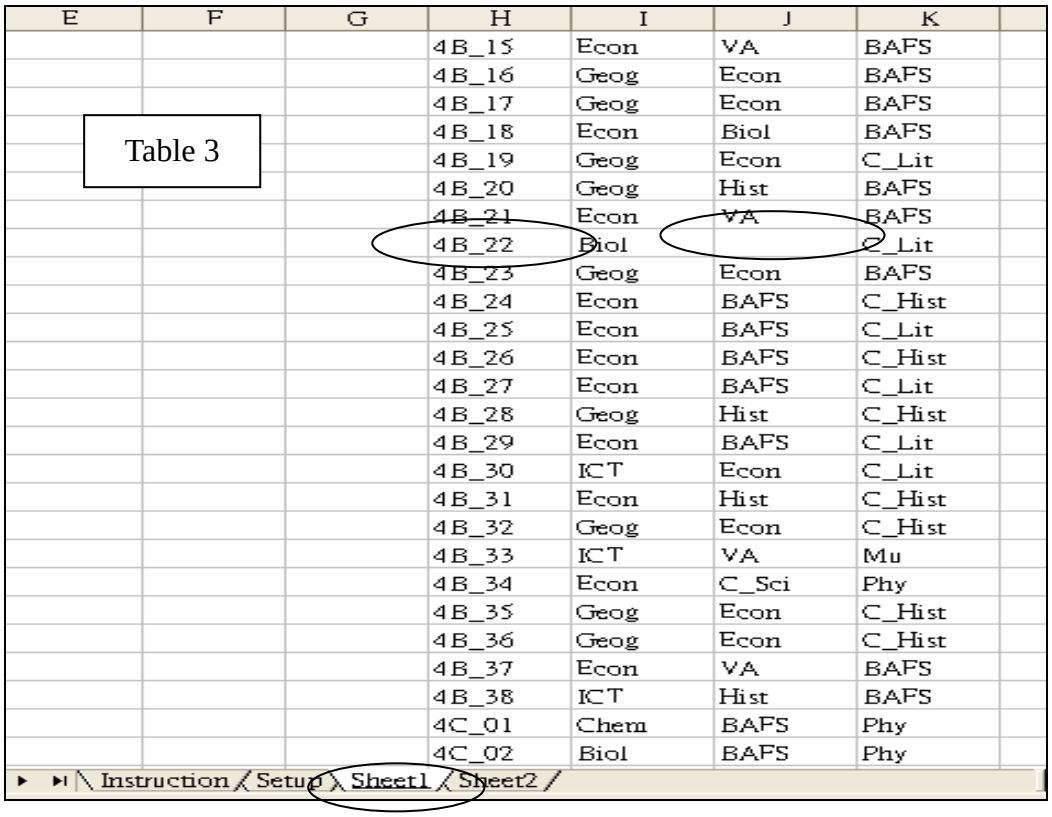
NUM

Step 10

Update subjects allocation

After manual allocate subjects to students in Table 1, you need to update the subjects allocated to students in Table 3, Table 4 and Table 5 by pressing the “Update Subject Allocation” button.

Table 3



	E	F	G	H	I	J	K
1				4B_15	Econ	VA	BAFS
2				4B_16	Geog	Econ	BAFS
3				4B_17	Geog	Econ	BAFS
4				4B_18	Econ	Biol	BAFS
5				4B_19	Geog	Econ	C_Lit
6				4B_20	Geog	Hist	BAFS
7				4B_21	Econ	VA	BAFS
8				4B_22	Biol		C_Lit
9				4B_23	Geog	Econ	BAFS
10				4B_24	Econ	BAFS	C_Hist
11				4B_25	Econ	BAFS	C_Lit
12				4B_26	Econ	BAFS	C_Hist
13				4B_27	Econ	BAFS	C_Lit
14				4B_28	Geog	Hist	C_Hist
15				4B_29	Econ	BAFS	C_Lit
16				4B_30	ICT	Econ	C_Lit
17				4B_31	Econ	Hist	C_Hist
18				4B_32	Geog	Econ	C_Hist
19				4B_33	ICT	VA	Mu
20				4B_34	Econ	C_Sci	Phy
21				4B_35	Geog	Econ	C_Hist
22				4B_36	Geog	Econ	C_Hist
23				4B_37	Econ	VA	BAFS
24				4B_38	ICT	Hist	BAFS
25				4C_01	Chem	BAFS	Phy
26				4C_02	Biol	BAFS	Phy

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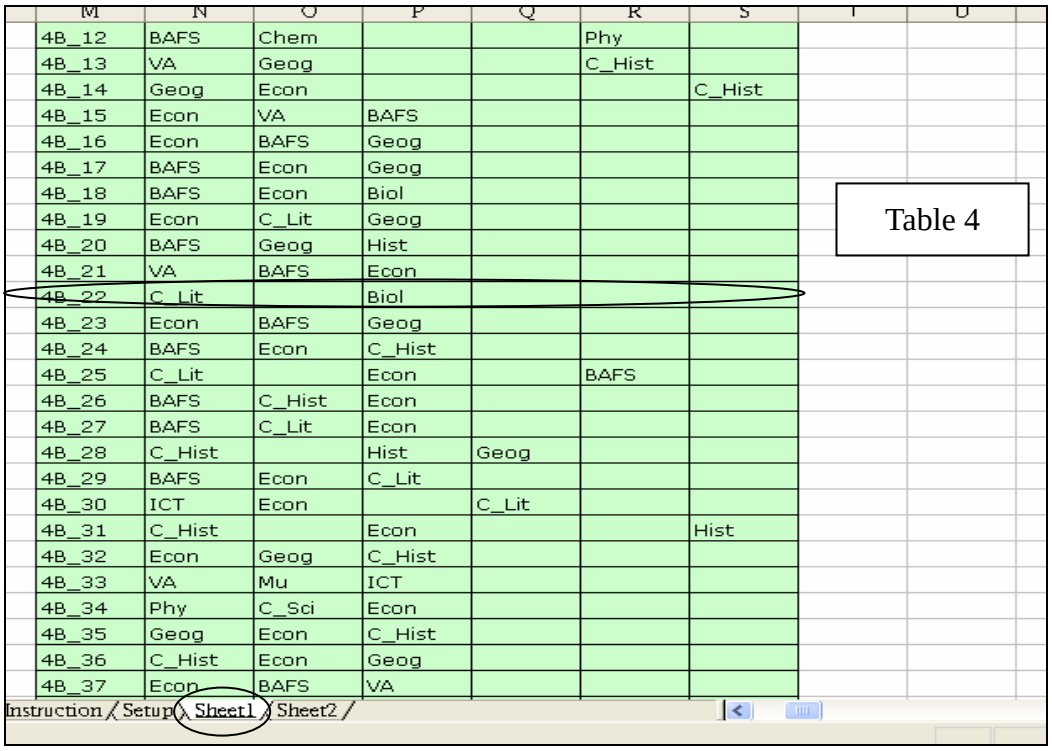
Table 4



	M	N	O	P	Q	R	S
1	4B_12	BAFS	Chem			Phy	
2	4B_13	VA	Geog			C_Hist	
3	4B_14	Geog	Econ				C_Hist
4	4B_15	Econ	VA	BAFS			
5	4B_16	Econ	BAFS	Geog			
6	4B_17	BAFS	Econ	Geog			
7	4B_18	BAFS	Econ	Biol			
8	4B_19	Econ	C_Lit	Geog			
9	4B_20	BAFS	Geog	Hist			
10	4B_21	VA	BAFS	Econ			
11	4B_22	C_Lit		Biol			
12	4B_23	Econ	BAFS	Geog			
13	4B_24	BAFS	Econ	C_Hist			
14	4B_25	C_Lit		Econ		BAFS	
15	4B_26	BAFS	C_Hist	Econ			
16	4B_27	BAFS	C_Lit	Econ			
17	4B_28	C_Hist		Hist	Geog		
18	4B_29	BAFS	Econ	C_Lit			
19	4B_30	ICT	Econ		C_Lit		
20	4B_31	C_Hist		Econ			Hist
21	4B_32	Econ	Geog	C_Hist			
22	4B_33	VA	Mu	ICT			
23	4B_34	Phy	C_Sci	Econ			
24	4B_35	Geog	Econ	C_Hist			
25	4B_36	C_Hist	Econ	Geog			
26	4B_37	Econ	BAFS	VA			

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Step 10 cont'

Update subjects allocation

Table 5

Elective 2					
Econ	Hist	C_Sci			VA
4A_04	4A_05	4A_07	4A_02	4A_12	4A_01
4A_06	4A_30	4A_19	4A_03	4A_15	4A_10
4A_08	4A_31	4A_36	4B_18	4A_16	4B_03
4A_09	4A_32	4A_37	4C_03	4A_20	4B_04
4A_11	4A_34	4B_11	4C_04	4A_22	4B_13
4A_13	4B_08	4B_34	4C_05	4A_24	4B_15
4A_14	4B_20	4C_06	4C_11	4A_25	4B_21
4A_17	4B_28	4C_07	4C_15	4A_28	4B_33
4A_18	4B_31	4C_09	4C_19	4A_33	4B_37
4A_21	4B_38	4C_23	4C_20	4B_07	4C_22
4A_23	4C_08				
4A_26	4C_32				
4A_27	4D_03				
4A_29	4D_08				
4A_35	4D_26				
4B_01	4D_38				
4B_02		4D_09	4D_01	4B_29	
4B_05		4D_31	4D_02	4C_01	
4B_06		4D_39	4D_05	4C_02	
4B_10		4D_40	4D_06	4C_10	
4B_14			4D_10	4C_13	
4B_16			4D_11	4C_14	
4B_17			4D_12	4C_17	
4B_19			4D_13	4C_18	
4B_23			4D_15	4C_21	
4B_30			4D_16	4C_29	
4B_32			4D_18	4C_33	
4B_35			4D_20	4C_36	

Sheet1 Sheet2

Please note that student 4B_22 does not appear under 'Econ' of Elective 2 before updating.

A	B	C	D	E
	slack	0	0	0
	slack	0		
	Phy	40		
	C_Sci	24		
	C_Lit	21		
	BAFS	40		
	C_Hist	21		
	Mu	8	40	0
	slack	0	0	0
	slack	0	0	0
	Total	463	463	3

Step 9: Press the "Update Subjects Allocation" button.

Re-run

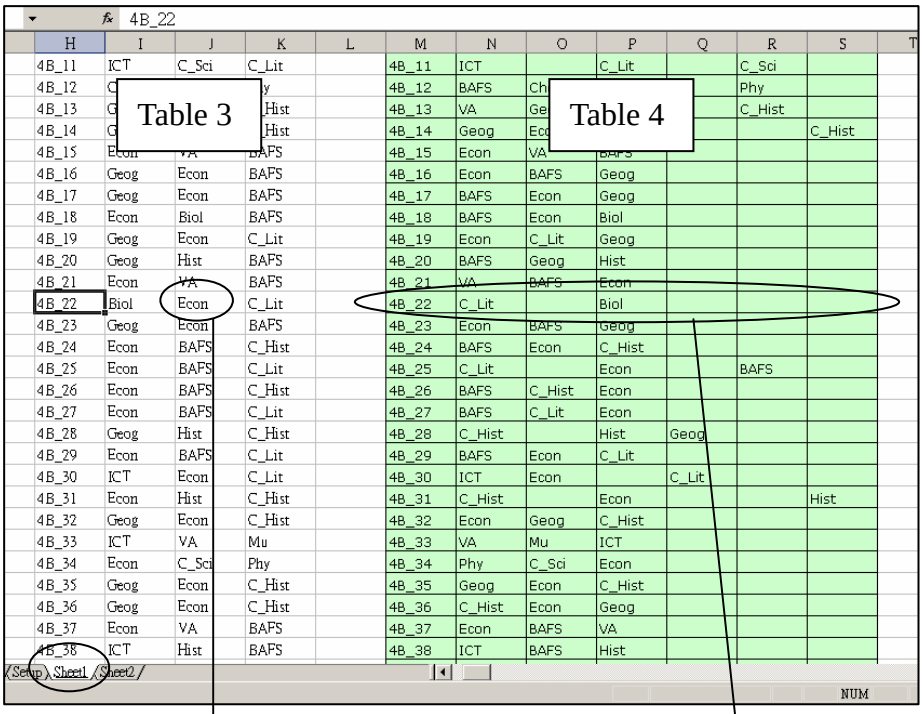
Update Subjects Allocation

Students	155	
ject Choices with Priorities	Number of students	Satisfaction Rate
d	155	100.0%
ed	146	94.2%
ed	127	81.9%
ed	18	11.6%

Setup Sheet1 Sheet2

Step 10 cont'

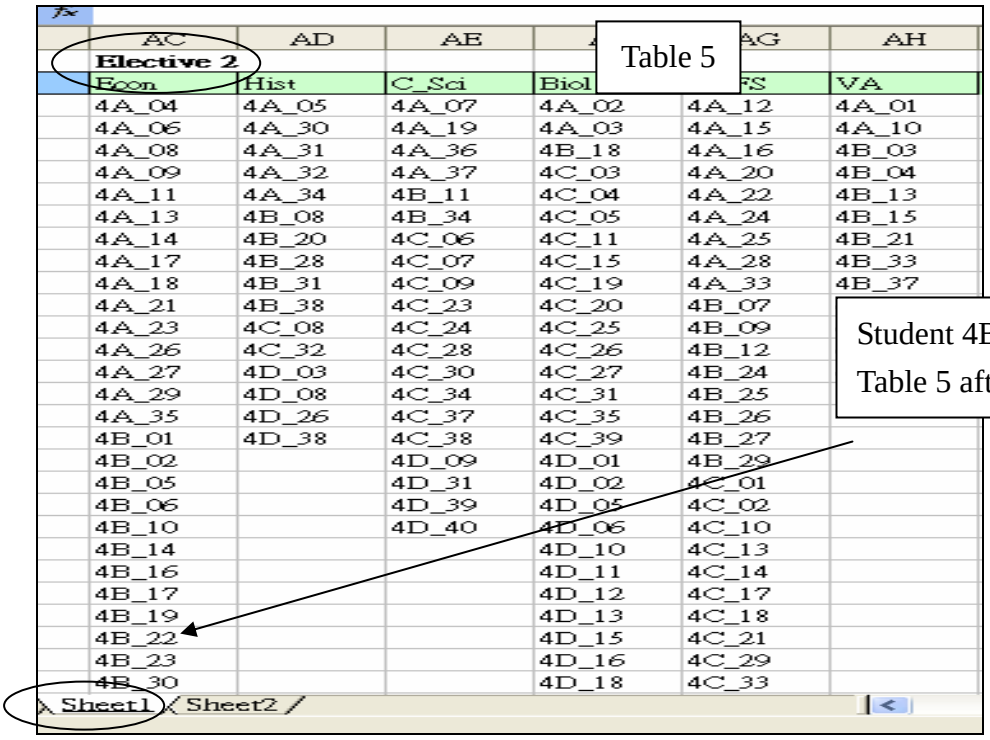
Update subjects allocation



	H	I	J	K	L	M	N	O	P	Q	R	S
4B_11	ICT	C_Sci	C_Lit		4B_11	ICT		C_Lit		C_Sci	
4B_12					4B_12	BAFS				Phy	
4B_13					4B_13	VA				C_Hist	
4B_14					4B_14	Geog					C_Hist
4B_15					4B_15	Econ	VA				
4B_16	Geog	Econ	BAFS		4B_16	Econ	BAFS	Geog			
4B_17	Geog	Econ	BAFS		4B_17	BAFS	Econ	Geog			
4B_18	Econ	Biol	BAFS		4B_18	BAFS	Econ	Biol			
4B_19	Geog	Econ	C_Lit		4B_19	Econ	C_Lit	Geog			
4B_20	Geog	Hist	BAFS		4B_20	BAFS	Geog	Hist			
4B_21	Econ	VA	BAFS		4B_21	VA	BAFS	Econ			
4B_22	Biol	Econ	C_Lit		4B_22	C_Lit		Biol			
4B_23	Geog	Econ	BAFS		4B_23	Econ	BAFS	Geog			
4B_24	Econ	BAFS	C_Hist		4B_24	BAFS	Econ	C_Hist			
4B_25	Econ	BAFS	C_Lit		4B_25	C_Lit		Econ		BAFS	
4B_26	Econ	BAFS	C_Hist		4B_26	BAFS	C_Hist	Econ			
4B_27	Econ	BAFS	C_Lit		4B_27	BAFS	C_Lit	Econ			
4B_28	Geog	Hist	C_Hist		4B_28	C_Hist		Hist	Geog		
4B_29	Econ	BAFS	C_Lit		4B_29	BAFS	Econ	C_Lit			
4B_30	ICT	Econ	C_Lit		4B_30	ICT	Econ		C_Lit		
4B_31	Econ	Hist	C_Hist		4B_31	C_Hist		Econ			Hist
4B_32	Geog	Econ	C_Hist		4B_32	Econ	Geog	C_Hist			
4B_33	ICT	VA	Mu		4B_33	VA	Mu	ICT			
4B_34	Econ	C_Sci	Phy		4B_34	Phy	C_Sci	Econ			
4B_35	Geog	Econ	C_Hist		4B_35	Geog	Econ	C_Hist			
4B_36	Geog	Econ	C_Hist		4B_36	C_Hist	Econ	Geog			
4B_37	Econ	VA	BAFS		4B_37	Econ	BAFS	VA			
4B_38	ICT	Hist	BAFS		4B_38	ICT	BAFS	Hist			

In Table 3, 'Econ" is added to Elective 2 of the Student 4B_22.

In Table 4, since 'Econ' is not one of the six choices of the Student 4B_22, therefore it will not be shown on this table.



AC	AD	AE		AG	AH
Econ	Hist	C_Sci	Biol	FS	VA
4A_04	4A_05	4A_07	4A_02	4A_12	4A_01
4A_06	4A_30	4A_19	4A_03	4A_15	4A_10
4A_08	4A_31	4A_36	4B_18	4A_16	4B_03
4A_09	4A_32	4A_37	4C_03	4A_20	4B_04
4A_11	4A_34	4B_11	4C_04	4A_22	4B_13
4A_13	4B_08	4B_34	4C_05	4A_24	4B_15
4A_14	4B_20	4C_06	4C_11	4A_25	4B_21
4A_17	4B_28	4C_07	4C_15	4A_28	4B_33
4A_18	4B_31	4C_09	4C_19	4A_33	4B_37
4A_21	4B_38	4C_23	4C_20	4B_07	
4A_23	4C_08	4C_24	4C_25	4B_09	
4A_26	4C_32	4C_28	4C_26	4B_12	
4A_27	4D_03	4C_30	4C_27	4B_24	
4A_29	4D_08	4C_34	4C_31	4B_25	
4A_35	4D_26	4C_37	4C_35	4B_26	
4B_01	4D_38	4C_38	4C_39	4B_27	
4B_02		4D_09	4D_01	4B_29	
4B_05		4D_31	4D_02	4C_01	
4B_06		4D_39	4D_05	4C_02	
4B_10		4D_40	4D_06	4C_10	
4B_14			4D_10	4C_13	
4B_16			4D_11	4C_14	
4B_17			4D_12	4C_17	
4B_19			4D_13	4C_18	
4B_22			4D_15	4C_21	
4B_23			4D_16	4C_29	
4B_30			4D_18	4C_33	

Student 4B_22 appears in Table 5 after updating.